
Product Data Sheet

Product Name: Kv3 modulator 1

Cat. No.: GC36405

Chemical Properties

Cas. No. 1380696-64-9

SMILES O=C1N(C2=CN=C(OC3=C4C5(CC5)COC4=C(C)C=C3)N=C2)C(C(C)(C)N1)=OFormula $C_{20}H_{20}N_4O_4$ M.Wt 380.4

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Kv3 modulator 1 is a Kv3 voltage-gated potassium channel modulator extracted from patent WO2018020263A1, Compound X. Kv3 modulator 1 can be used to treat inflammatory pain[1].

[1]. Giuseppe Alvaro, et al. Cyclobutane derivatives as modulators of voltage-gated potassium channels. WO2018020263A1.

Caution: Product has not been fully validated for medical applications. For research use only.

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